

LAB PRACTICAL AND REVIEW SHEET FOR APHY 101

UNIT 1

(Covers chapter 1-4 in the Pearson textbook and Units 1-5 in the lab book-Ammerman)

- ✓ Know all the parts of the microscope and their functions
- ✓ Know all the body regions, positions, directional terms, cavities and planes
- ✓ Know all the names of all the organ systems and the main organs in each system
- ✓ Know the pH scale, the purpose of a buffer and the effects of a buffer
- ✓ Know all the structures of the cell, the organelles and their functions
- ✓ Know the cell cycle (Interphase, Mitosis and Cytokinesis) and be able to identify these stages under the microscope
- ✓ Be able to identify all the cells covered in units 1-5 of the lab manual. (These Cells include: RBC, WBC, squamous cell, cuboidal cell, columnar cell, pseudocolumnar cells, phases of mitosis, sperm cells)
- ✓ Be able to identify all the tissues covered in units 1-5 of the lab manual. (These tissues include: all epithelial tissues, connective tissues, muscle tissues, nervous tissues)